Alster News

ALSTER communications

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New Factory For Alster

Alster is pleased to announce that we have been chosen as the new Representative for Hytera America in Alaska, Washington, Idaho and Montana.

Since its founding in 1993, Hytera has been dedicated to the development, manufacturing and sales of two-way radios and wireless trunking systems. Today, the company has become a full solutions provider for professional wireless communications for public safety, government agencies, transportation, and commercial/light industrial sectors. Contact us for more information on Hytera's full line of Analog and Digital Products. Ω

Hytera - XPT Digital Trunking

Hytera's XPT (Extended Pseudo Trunking) is a digital trunking system that delivers up to 16 times the capacity of analog conventional mobile radio systems; a more cost-effective solution that allows customers to increase capacity without using a dedicated control channel. The system can easily migrate from Tier-II DMR by applying an upgrade license to the RD982S repeaters and connecting them via a layer-2 switch.

XPT (Extended Pseudo Trunk) is a scalable digital trunking solution that allows you to increase the capacity of an existing conventional DMR system by simply upgrading the current RD982S repeater and DMR radios. XPT connects a larger number of users with voice and data turning your conventional DMR System into a virtual trunking system. XPT will now allow multiple users from various departments faster access to the system, this can increases productivity, enhance customer service and provides better dispatching to security personnel responding to emergencies.

XPT Allows the radio to scan time slots on the repeater and dynamically choose an open time slot to initiate a call. Less wait time is used than those who are fixed to a specific time slot.

In typical systems it is not uncommon for repeaters to be busy while others remain unused, this is where XPT Digital Trunking comes into action. The XPT system broadcasts the availability of channels throughout every repeater ensuring the user will have a guaranteed channel to initiate a call.

Within the XPT system, groups of radios will be allocated to a "home repeater". When the home repeater is idle all calls will be made through this repeater. When the home repeater is busy the XPT system will automatically and dynamically assign a "free repeater", which temporarily provides available channels to initiate a call.

Once the home repeater has an available resource the groups of radios will switch back to it. This process is repeated on the system to ensure instant communications with no interruptions or constant busy signals, no designated control channel is needed in this process. The same process works with group or all calls, all radios are moved to a single repeater, freeing up the other repeaters for use, even if the radios on the call are assigned to other repeaters. Ω

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Times Microwave - Silverline-LP

Input from customers has driven the development of our SilverLine test cable products. Recent feedback on our SilverLine-LP (Low PIM) test cables has prompted a major re-design that reduces assembly weight more than 20% by changing to a new, elliptical-shaped back nut which also increases the gripping force.

A further benefit of the new design is its streamlined manufacturing process that has allowed us to reduce the price.

SilverLine®-LP is the first test cable specifically designed for field and production PIM Testing. SilverLine®-LP is ideal for use with Portable PIM analyzers in field test applications. It is also ideal for use with bench top PIM Analyzers in a lab or factory production environment.

In the field this reliable, high quality test cable cuts costs by eliminating the need to rebuild or re-terminate a test lead on site or worse, cancel a test entirely.

In the factory it saves labor by providing more accurate and consistent results over a far longer product life. This reduces product rejects caused by faulty test leads. Contact me for more information on SilverLine®-LP or any of the other Silverline test cables from Times. Ω

Re-Designed Silverline-LP Test Cable

SitePro 1 - New Barrel Cushions

Our new line of Barrel Cushions are designed to manage today's smaller coax cables, power cables, fiber etc. on sites. These rubber inserts fit inside Snap-In hangers or our CXB series Coax Blocks for easy installation. Snap In Hangers and CXB series Coax Blocks allow multiple runs with single attachment point.

We also have a new line of Universal Barrel Cushions which are designed to easily manage today's Hybrid Cables. Universal fit holds cable tightly and reduces inventory needs or fitment issues at the site. This patented design holds the cables securely, unlike some of our competitor's products. These rubber inserts fit inside Snap-In hangers, butterfly hangers or our coax blocks for easy installation, see chart below for proper hanger size. Manufactured from UV resistant EPDM rubber which is durable in extreme conditions. Ω

Site Pro 1 Barrel Cushions for Fiber, Coax, Power Cable

OTTO - Profile Headset

OTTO is excited to announce the release of the Profile, a modular all-purpose headset.

A lightweight behind-the-head design and gel ear seals provide maximum comfort for users who are required to wear a headset for extended periods of time.

The sculpted ear cup shape works well with or without a helmet. The Profile headset is IP67 rated (immersion for up to 30 minutes in 1 meter of water) and has a certified noise reduction rating (NRR) of 21dB.

The Profile features a coiled cable (sold separately) with a low profile, in-line PTT and a modular connector allowing users to interchange cables for multiple radio platforms. The Profile also includes a 3 year Manufacturer's Warranty. Please contact me for more information or a demo. Ω

Profile Behind the Head Design

Times Protect - Smart Panel

The Times-Protect® Smart-Panel® provides for single point grounding and eliminates costly and time consuming cable ground kits. The external copper master ground bar is also eliminated so there are no copper parts to steal outside the shelter. Inside the shelter the installation is simplified and cost reduced by the elimination of the lightning protector trapeze. Bulkhead mounted lighting protectors eliminate added trapeze ground lead inductance, creating a perfect return path for surge currents during a lightning event.

The completely weatherized Times-Protect® Smart-Panel® adjusts to the shelter wall thickness and is supplied with all the necessary installation hardware as well as a heavy duty copper internal master ground bar and a low inductance ground plate.

Constructed of powder-coated heavy duty aluminum the Smart-Panel® is available in 6, 12 and 24 port designs and either type N or 716 DIN bulkhead mount configurations. A copper version is also available. All designs can also accommodate EWG, Cat 5 data, DC or Fiber entry ports.

Contact me for more information. Ω

Times Protect Smart Panel

Lyncole - XIT Grounding System

The Lyncole XIT Grounding System is the original UL listed, patented. Electrolytic Grounding System. It is self-moisturizing and maintenance free. It provides low resistance to earth in diverse climates around the world, without harmful effects to the environment. It is warranted for 30 years and has a life expectancy of 50 years. This active grounding system constantly replenishes moisture into the soil which continuously improves performance over time.

When installed with Lynconite II® backfill material, a proper PH balanced environment forms, which reduces corrosion to protect the XIT system and creates a very low resistance material directly around the rod. Each XIT Grounding System contains everything needed for a complete installation, including a copper electrolytic ground electrode, protective cover box, Lynconite II backfill material and exothermically welded pigtail conductor. Contact me for more information. Ω

Lyncole XIT Grounding System

TXRX - Duplexers

Bird Technologies manufacturers a comprehensive line of duplexers with the critical specifications you require to operate a high performance system. Our duplexers provide the transmitter and noise suppression characteristics you need while minimizing the loss to your carriers.

At high-band VHF and UHF, the TX RX Vari-Notch® design is the most commonly used. Vari-Notch® provides a low-loss pseudo-bandpass characteristic that can exist very close to a deep notch. Proven low-loss and low-noise construction techniques are used such as welded cavity construction; silver-plated loops, as well as a unique fingerstock - free high-conductivity silver-plated tuning probe. Our 4" and 6.625" diameter cavities are constructed of hardened aluminum which, unlike most copper cavities, resists denting and associated detuning. Ω

TXRX Duplexers

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Bird RF Meter App

The Bird RF Meter App from Bird Technologies now enables your Android phone to become a power meter capable of connecting with the Bird USB Field Sensors.

Ideally suited for field techs and engineers who need to make power measurements anywhere they go, the Bird RF Meter's user interface has an intuitive, menu-driven design, making it easy to use on your own phone.

The Application enables the user to set up his sensors with the appropriate configurations, correction factors, offsets, zeroing calibration and selection of element types. It also includes the ability to enable smoothing level for more stable readings or max hold to detect the maximum measured power.

Key Features:

Automatically detects sensor and opens the application, Identifies multiple sensors simultaneously and displays each along with it serial number to the user to easily distinguish among those connected, Displays only the information appropriate to sensor indicated, Works with most Bird USB field sensors including the 7020, 5012D, 5014, 5015, 5015-EF, 5016D, 5017D, 5018D, 5019D, Digital Displays Function, No calibration required, Plug to Play in Seconds, Displayable Functions: True Average Power (Forward and Reflected), VSWR, Peak Power, Crest Factor, CCDF, Burst Power.

Now available as a free download from the Google Play Store!

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ACES 2015

Salem/Issaquah/Anchorage

Our October ACES is currently scheduled to be in:

Salem, OR

Tuesday, Oct 6

Issaquah, WA

Wednesday, Oct 7

Anchorage, AK

Thursday, Oct 8